

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

109904-00015

SERIAL NO.

09/786.361

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

GRASS, et al.

FILING DATE

March 14, 2001

GROUP

1627

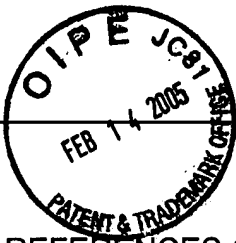
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

BY	Gomeni, R., "Pharm-an Interactive Graphic Program for Individual and Population Pharmacokinetic Parameter Estimation", <u>Comput. Bio. Med.</u> (1994) Vol. 14, No. 1, pp 25-34
BZ	Hampton et al., "Comparison of MS-DOS and Macintosh Pharmacokinetic Analysis Programs Using a Two-Compartment, Two-Infusion Dosing Scheme", <u>Clinical Pharmacy</u> (1991) Vol. 10, pp. 206-209
CA	Hayashi et al., "Pharmacokinetic Analysis of Cimetidine Plasma Concentration Data in Dogs Using a Two Phase Absorption Model", <u>Pharmaceutical Research</u> (1994) Vol. 11, No. 10, page S-420
CB	Hoang, K.T., "Physiologically Based Pharmacokinetic Models: Mathematical Fundamentals and Simulation Implementations", <u>Toxicology Letters</u> (1995) Vol. 79, pp. 99-106
CC	Idkaidek et al., "Determination of the Population Pharmacokinetic Parameters of Sustained-Release and Enteric-Coated Oral Formulations, and the Suppository Formulation of Diclofenac Sodium by Simultaneous Data Fitting Using NONMEM", <u>Biopharmaceutics & Drug Disposition</u> (1998) Vol. 19, pp. 169-174
CD	Jelliffe, R.W., "The USC*PACK PC Programs for Population Pharmacokinetic Modeling, Modeling of Large Kinetic/Dynamic Systems, and Adaptive Control of Drug Dosage Regimens" <u>Symposium on Computer Applications in Medical Care: A Conference of the American Medical Informatics Association</u> (1991) pp. 922-923
CE	Kalmaz, E.E., "Computer Modeling and Parameter Estimation for Pharmacokinetics and Toxicity Studies", <u>Journal of American College of Toxicology</u> (1996) Vol. 5, No. 6, page 607
CF	Keller et al., "Standardized Structure and Modular Design of a Pharmacokinetic Database", <u>Computer Methods and Programs in Biomedicine</u> (1988) Vol. 55, pp. 107-115
CG	Kirkup et al., "A Demonstration of Pharmacokinetics and Physiological Modelling Using a Microcomputer for Data Capture and Analysis", <u>Computer Applications in the Biosciences</u> (1986) Vol. 2, No. 4, pp. 277-282
CH	Kwon et al., "Theoretical Considerations on Two Equations for Estimating the Extent of Absorption After Oral Administration of Drugs", <u>Pharmaceutical Research</u> (1986) Vol. 13, No. 4, pp. 566-569

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

109904-00015

SERIAL NO.

09/786.361

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

GRASS, et al.

FILING DATE

March 14, 2001

GROUP

1627

285682_1.DOC

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CI	Langguth et al., "Variable Gastric Emptying and Discontinuities in Drug Absorption Profiles: Dependence of Rates and Extent of Cimetidine Absorption on Motility Phase and PH", <u>Biopharmaceutics & Drug Disposition</u> (1994) Vol. 15, pp. 719-746
CJ	Leader et al., "Integrating Pharmacokinetics into Point-of-Care Information Systems", <u>Clinical Pharmacokinetics</u> (1996) Vol. 31, No. 3, pp. 165-173
CK	Leahy et al., "Physiologic Based Pharmacokinetic Modelling and QSAR", <u>Bioactive Compound Design: Possibilities for Industrial Use</u> , pp. 147-151, 1996
CL	Lincoln et al., "Pharmacokinetic Simulation: A Future Means for Better Control of Cancer Chemotherapy", <u>Recent Results in Cancer Research</u> , pp. 103-107
CM	Lu et al., "An Interactive Program for Pharmacokinetic Modeling", <u>Journal of Pharmaceutical Sciences</u> (1993) Vol. 82, No. 5, pp. 537-542
CN	Luner et al., "Description and Simulation of a Multiple Mixing Tank Model to Predict the Effect of Bile Sequestrants on Bile Salt Excretion", <u>Journal of Pharmaceutical Sciences</u> (1993) Vol. 82, No. 3, pp. 311-318
CO	Mazumdar et al., "A Mathematical Study of Simple Exponential Modelling in Biochemical Processes", <u>Australasian Physical & Engineering Sciences in Medicine</u> (1991) Vol. 14, No. 4, pp. 226-233
CP	Metzler et al., "Package of Computer Programs for Pharmacokinetic Modeling", <u>Biometrics, Journal of the Biometric Society</u> (1974) Vol. 30, No. 3, pp. 562-563
CQ	Metzler, C.M. "Commentary to 'Linear and Nonlinear System Approaches in Pharmacokinetics. How Much Do They Have To Offer? II. The Response Mapping Operator (RMO) Approach", <u>J. Pharmacokin, Biopharm.</u> (1988) Vol. 16, pp. 543-571
CR	Murata et al., "Pharmacokinetic Analysis of Single or Multiple-Dose Plasma Drug Concentration Data with a Microcomputer Using Multi-Fraction Absorption Models", <u>Journal of Pharmaceutical Sciences</u> (1989) Vol. 78, No. 2, pp. 154-159

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

109904-00015

SERIAL NO.

09/786.361

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

GRASS, et al.

FILING DATE

March 14, 2001

GROUP

1627

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

		Rossum et al., "Pharmacokinetics: A Dynamic Systems Approach," Drug Metabolism and Distribution, Edited by Lamble, Amsterdam: Elsvier Press, pp. 159-167, 1983
	DW	
		Harvey, "Drug Absorption, Action and Disposition," Remington's Pharmaceutical Sciences, Easton Pennsylvania: Mack Publishing Co., Chap. 35 pp. 697-724, 1990
	DX	
		Harvey et al., "Basic Pharmacokinetics," Remington's Pharmaceutical Sciences, Easton Pennsylvania: Mack Publishing Co., Chap. 36, pp. 725-745, 1990
	DY	
		Rollins, "Clinical Pharmacokinetics," Remington's Pharmaceutical Sciences, Easton Pennsylvania: Mack Publishing Co., Chap. 37, pp. 746-756, 1990
	DZ	
		West Database Search Report for U.S. Patent No. 5,770,384 (Androphy et al.)
	EA	
		West Database Search Report for U.S. Patent No. 5,789,160 (Eaton et al.)
	EB	
		Seydel, J.K. et al., "Quantitative Structure-Pharmacokinetic Relationships and Drug Design", <u>Pharma. Ther.</u> (1982), Vol. 15, pp. 131-181.
	EC	
		Enstein, Kurt, "The Future of Toxicity Prediction with QSAR", In <u>Vitro Toxicology A Journal of Molecular and Cellular Toxicology</u>, (1993) Vol. 6, No. 3 pp. 162-169
	ED	
		Abstract from <u>Pharmaceutical Research</u> (1994) Vol. 11, No. 10 - APQ 1113, Kuhfeld et al., "An Automated In Vitro Permeability Screen Using Robotics", page S-39
	EE	
EXAMINER		DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

109904-00015

SERIAL NO.

09/786.361

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

GRASS, et al.

FILING DATE

March 14, 2001

GROUP

1627

285676_1.DOC

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

EF	Notification of Transmittal of the International Search Report or the Declaration, November 1, 2000, International Application No. PCT/US99/21001
EG	Written Opinion, February 26, 2001, PCT/US99/21001
EH	Notification of Transmittal of International Preliminary Examination Report, December 14, 2000, International Application No. PCT/US99/21151
EI	Written Opinion, July 7, 2000, International Application No. PCT/US99/21151
EJ	Notification of Transmittal of the International Search Report or the Declaration, February 4, 2000, International Application No. PCT/US99/21151
EK	Abstract: Holford, N.H.G. "Drugmodel", Div. Of Clinical Pharmacology, Dept. of Medicine & Pharmacy, Univ. of California, San Francisco, CA, 1981, pp. 603-606
EL	Abstract: Agrafiotis D. K.; Myslik J. C.; Salemme F. R., "Advances in diversity profiling and combinational series design", Molecular Diversity, (1998-99) 4 (1) 1-22 Ref: 77, Medline Accession No. 1999254287
EM	Abstract: Ajay; Bemis, Guy W.; Murcko, Mark A., "Designing Libraries with CNS Activity", J. Med. Chem. (1999), 42(24), 4942-4951
EN	Abstract: Cho S J; Zheng W; Tropsha A, "Focus-2D: a new approach to the design of targeted combinatorial chemical libraries", Pacific Symposium on Biocomputing, (1998), 305-16, Accession Number 1998362517 Medline
EO	Abstract: Hopfinger A. J.; Duca J.S., "Extraction of pharmacophore information from high-throughput screens", Current Opinion in Biotechnology, (2000 Feb.) 11(1), 97-103, Medline Accession No. 2000145562

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

109904-00015

09/769.361

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

GRASS, et al.

FILING DATE

March 14, 2001

GROUP

1627

285680_1.DOC

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

EP	Abstract: Klebe, Gerhard, "Recent developments in structure-based drug design", Journal of Molecular Medicine (Berline), (2000) Vol. 78, No. 5, 269-281, Accession Number 2000:377851 BIOSIS
EQ	Abstract: Konings D A M; Wyatt J R; Ecker D J; Freier S M, "Strategies for rapid deconvolution of combinatorial libraries: Comparative evaluation using a model system", Journal of Medicinal Chemistry, 19 Dec. 1997, Vol. 40, No. 26, pp. 4386-4395, Accession No. 1998:59476 SCISEARCH
ER	Abstract: Muller, G., "Toward 3D structures of G protein-coupled receptors; a multidisciplinary approach", Current Medicinal Chemistry, (Sept. 2000), 861-88, Accession No. 2000456233 MEDLINE
ES	Abstract: Olson A J; Goodsell D S, "Automated docking and the search for HIV protease inhibitors", SAR and QSAR in Environmental Research (1998), 8, 273-85 Accession No. 1998182948 MEDLINE
ET	Abstract: Parks C A; Crippen G M; Topliss J G, "The measurement of molecular diversity by receptor site interaction simulation"; Journal of Computer-Aided Molecular Design (Sept. 1998), 12, 441-9, Accession No. 10999051971. MEDLINE
EU	Abstract: Sadowski, Jens; Wagener, Markus; Gasteiger, Johann, "Assessing similarity and diversity of combinatorial libraries by spatial autocorrelation functions and neural networks", Angew. Chem., Int. Ed. Engl. (1996), Vol. Date 1995, 34, 2674-7, Accession No. 1996:48099 CAPLUS
EV	Abstract: Stahura F L; Xue L; Godden J W; Bajorath J., "Molecular scaffold-based design and comparison of combinatorial libraries focused on the ATP-binding site of protein kinases." Journal of Molecular Graphics and Modelling (Feb. 1999), 17, 1-9, 51-2, Accession No. 2000126742 MEDLINE
EW	Abstract: Zheng W F; Cho, S. J.; Tropsha A, "Rational design of a targeted combinatorial chemical library with opiatelike activity", International Journal of Quantum Chemistry (July 15, 1998), 69, 65-75, Accession Number 1998:494993 SCISEARCH
EX	Abstract: Zheng W; Cho S J; Tropsha A, "Rational combinatorial library design. 1. Focus-2D: a new approach to the design of targeted combinatorial chemical libraries", Journal of Chemical Information and Computer Sciences, (Mar-Apr 1998), 38, 251-8, Accession No. 1998199335 MEDLINE
EY	Abstract: Zheng, Weifan; Cho, Sung Jin; Waller, Chris L.; Tropsha, Alexander, "Rational Combinatorial Library Design 3. Simulated Annealing Guided Evaluation (SAGE) of Molecular Diversity: A Novel Computational Tool for Universal Library Design and Database Mining", J. Chem. Inf. Comput. Sci. 1999, 39, 738-746, Accession No. 1999:354936 CAPLUS
EZ	Nicholas H.G. Holford, "DRUGMODEL", Div. Of Clinical Pharmacology, Dept. of Medicine & Pharmacy, Univ. of California, San Francisco, CA, <u>Proceedings of the Fifth Annual Symposium on Computer Applications in Medical Care</u> , IEEE, 1981, pp. 603-606

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.